FISH RICHARDSON P.C.

A

4350 La Jolla Village Drive

San Diego, California

Suite 500

Telephone

858 678-507

Facsimile 858 678-5099

Web Site www.fr.com

92122

Frederick P. Fish 1855-1930

March 31, 2000

W.K. Richardson 1859-1951

US. PTO

Attorney Docket No.: 10559/153001/P7987

Box Patent Application

Assistant Commissioner for Patents

Washington, DC 20231

Presented for filing is a new original patent application of:

Applicant: LYNICE S. SPANGLER, DOUGLAS M. MACLVER, ALEXANDRE

A. KLEMENTIEV AND EMMY C. HUANG

Title: MANAGING BANDWIDTH IN DIGITAL COMMUNICATION

Enclosed are the following papers, including those required to receive a filing date under 37 CFR 1 53(b):

under 37 CFR 1.53(b):

Specification 11
Claims 6
Abstract 1

Declaration [To be Filed at a Later Date]

Drawing(s) 5

Enclosures:

Postcard.

Basic filing fee	\$0
Total claims in excess of 20 times \$18	\$0
Independent claims in excess of 3 times \$78	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$0

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL68477908245

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

March 31, 200

Date of Deposit

Signature

Derek W. Norwood

Typed or Printed Name of Person Signing Certificate





Assistant Commissioner for Patents March 31, 2000 Page 2

No filing fee is being paid at this time. Please apply any other required fees, **EXCEPT FOR THE FILING FEE**, to deposit account. 06-1050, referencing the attorney docket number shown above. A duplicate copy of this transmittal letter is attached.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

SCOTT C. HARRIS Fish & Richardson P.C. 4350 La Jolla Village Drive Suite 500 San Diego CA 92122

Respectfully submitted,

Scott C. Harris Reg. No. 32,030 Enclosures

30013680.doc